

BEDFORD AVE – NASSAU AVE

Presentation to Brooklyn CB 1 Transportation Committee

June 18, 2018

Project Background

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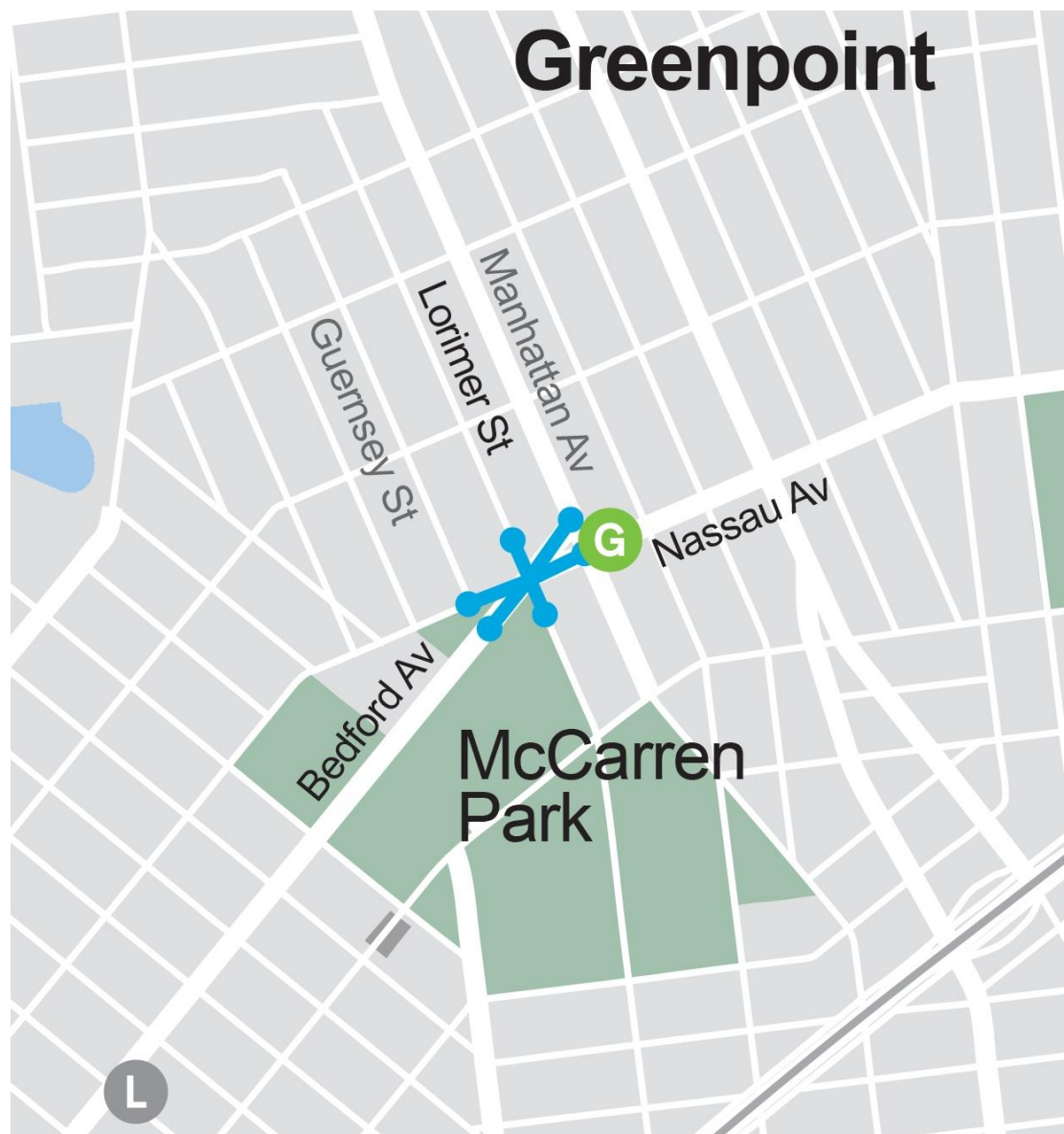
PROJECT AREA AND SAFETY DATA

- 6 legged intersection of Bedford Ave - Lorimer St - Nassau Ave
- Northern border of McCarren Park
- Close proximity to Nassau Ave G Train Station
- Neighborhood commercial destinations

Bedford Ave and Nassau Ave, BK

Injury Summary, 2012-2016 (5 years)

| | Total Injuries | Severe Injuries | Fatalities | KSI |
|------------------------|----------------|-----------------|------------|-----|
| Pedestrian | 1 | 0 | 0 | 0 |
| Bicyclists | 4 | 0 | 0 | 0 |
| Motor Vehicle Occupant | 6 | 0 | 0 | 0 |
| Total | 11 | 0 | 0 | 0 |



PROJECT ORIGIN

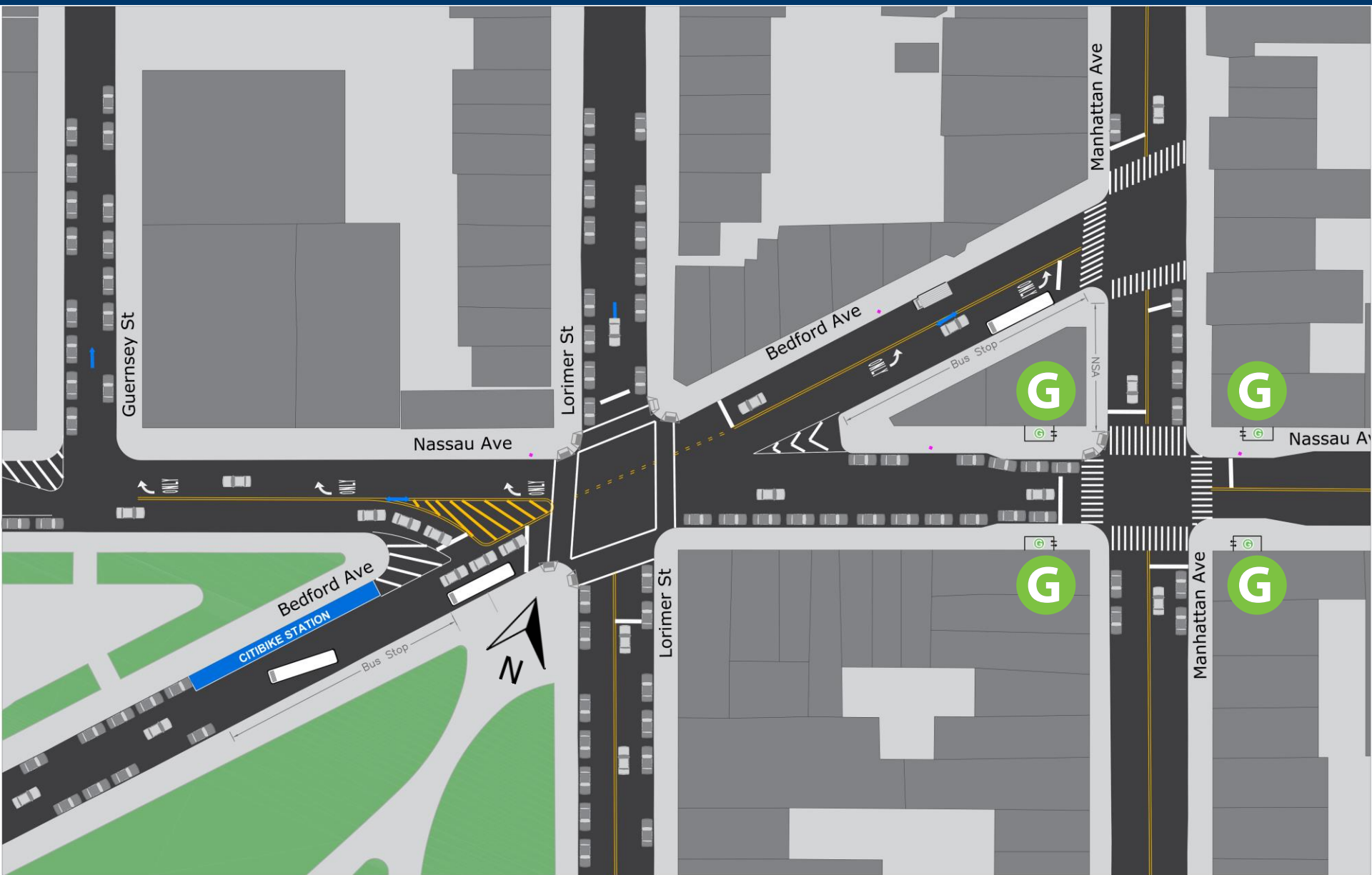
- Location identified through NYC DOT North Brooklyn Traffic Study
- Location identified as part of L Train Shutdown mitigation (expected increase in pedestrians walking to G train station)
- In a ¼ mile radius, 68.4% of workers use transit to commute



Existing Conditions

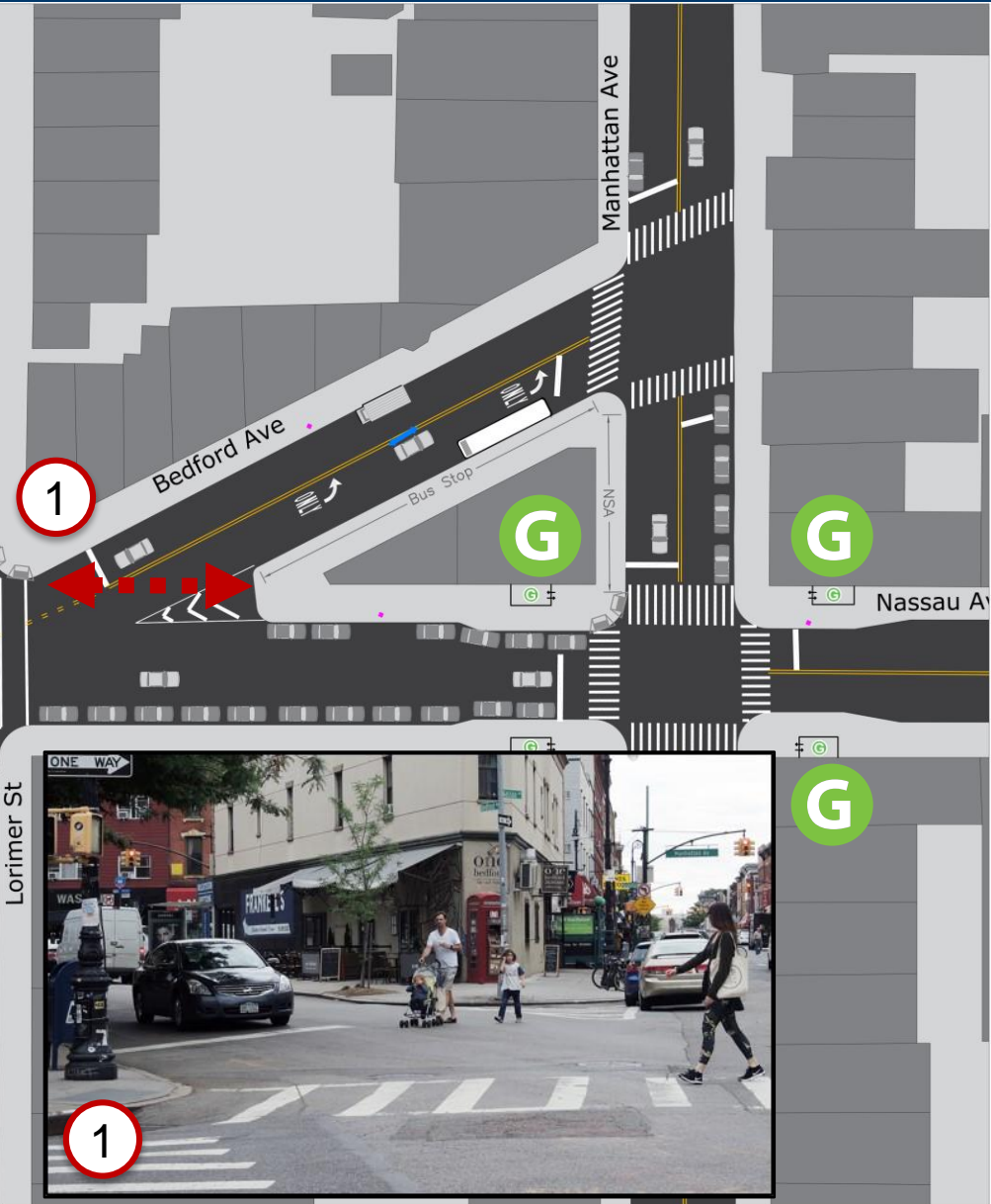
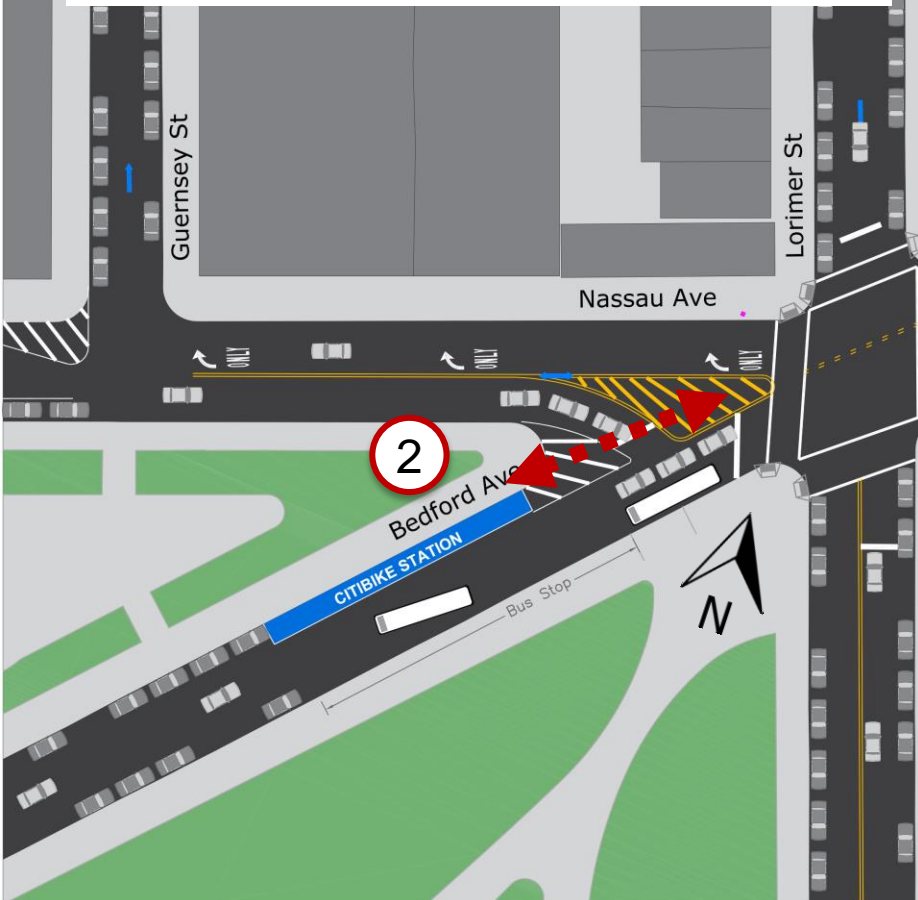
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EXISTING CONDITIONS



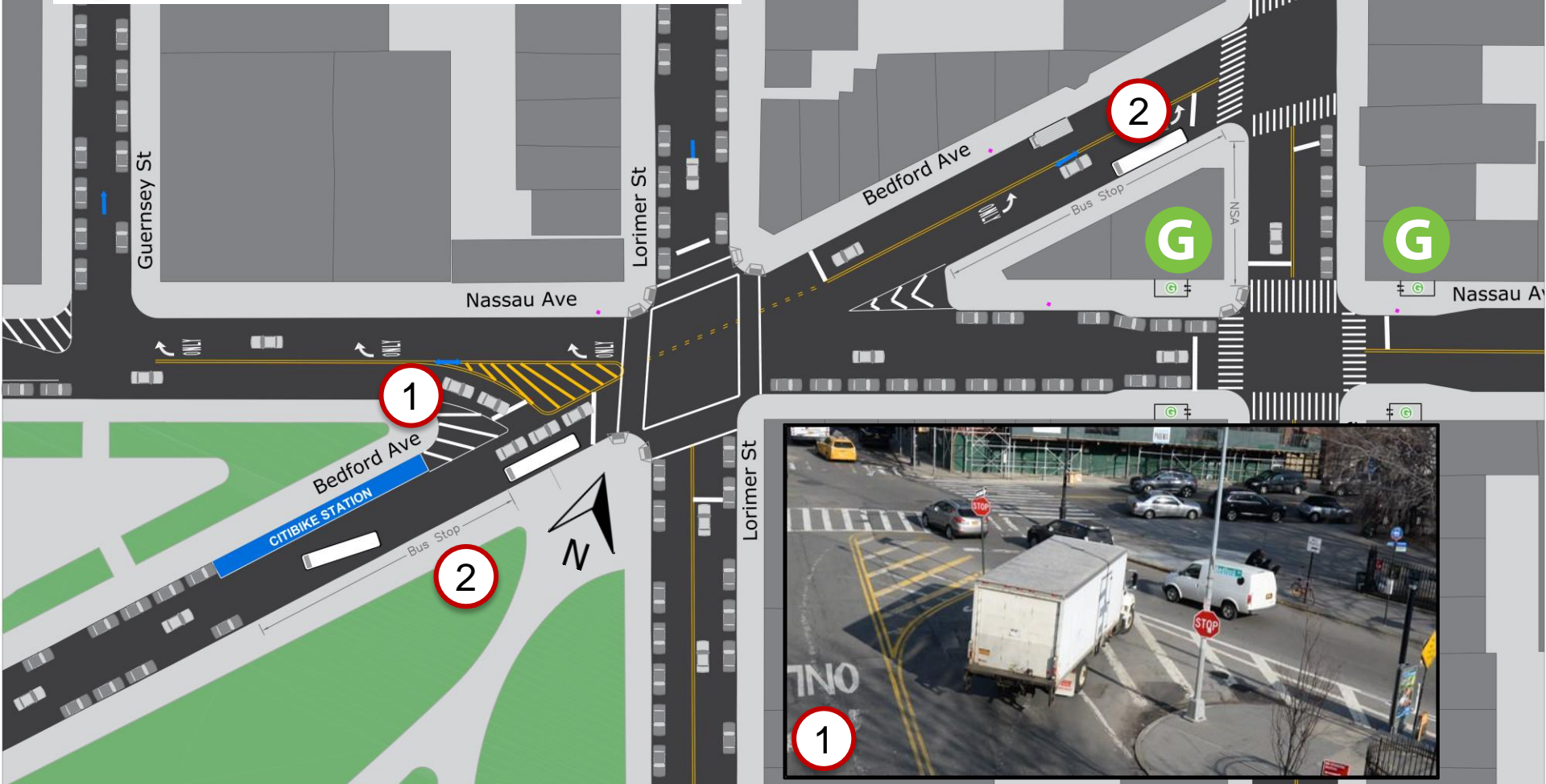
EXISTING CONDITIONS - PEDESTRIANS

- 1 No crossing across Bedford Ave on north side of Nassau Ave
- 2 No crossings across slip lane at Nassau Ave and Bedford Ave



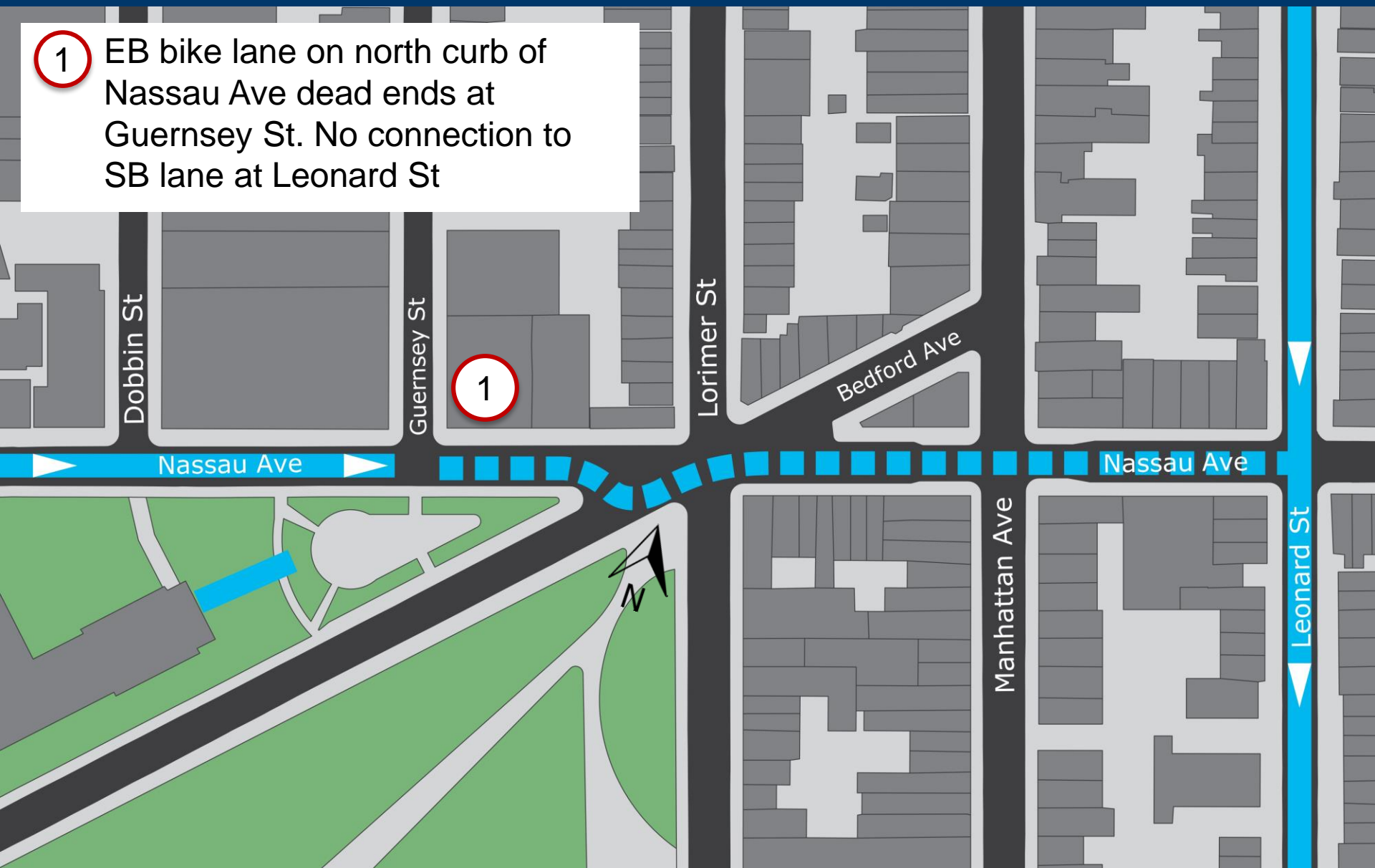
EXISTING CONDITIONS – VEHICLES/TRANSIT

- 1 EB Nassau Ave must stop, then merge with NB Bedford Ave
- 2 B62 bus stops in close proximity



EXISTING CONDITIONS - BICYCLISTS

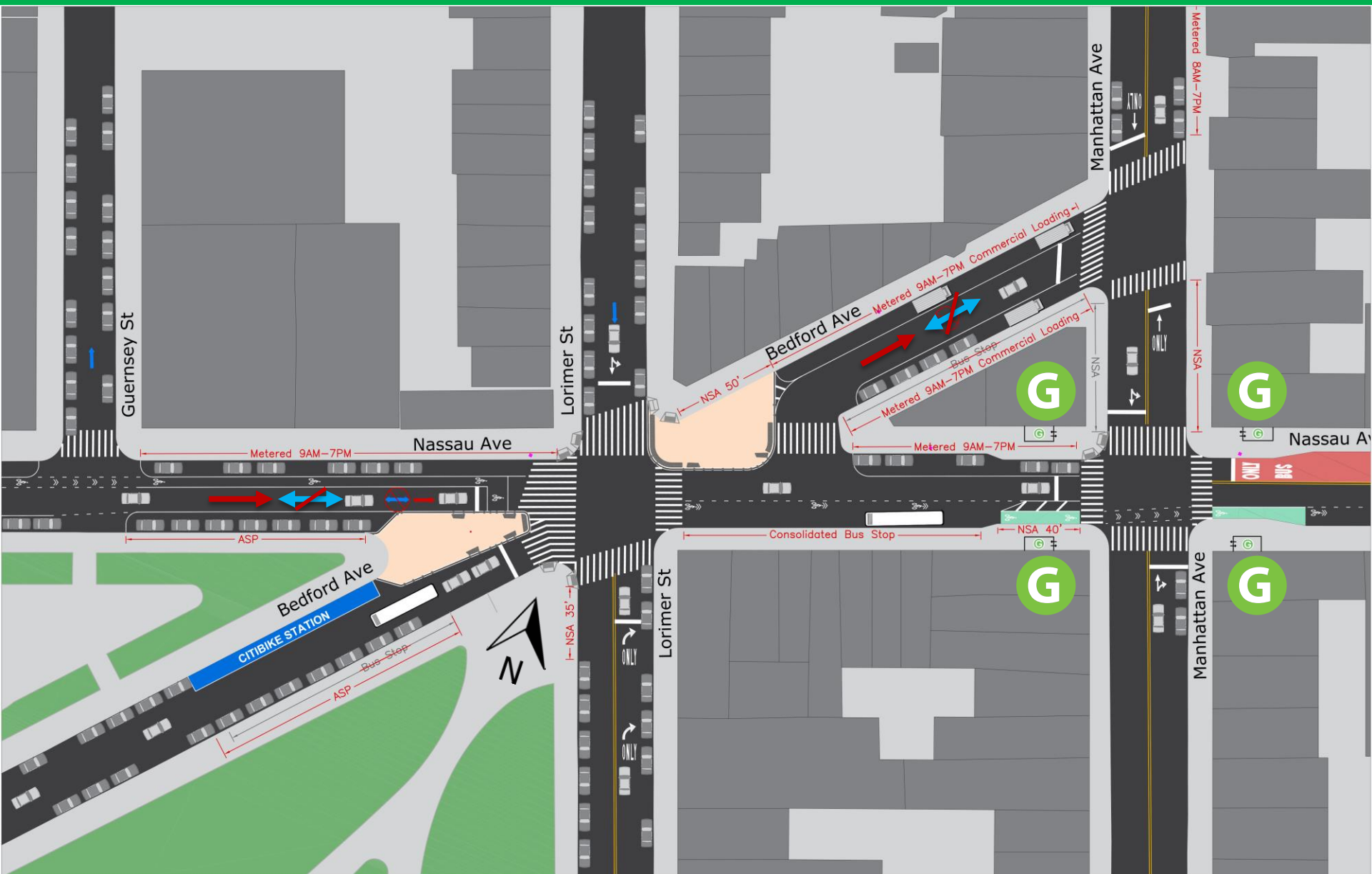
- ① EB bike lane on north curb of Nassau Ave dead ends at Guernsey St. No connection to SB lane at Leonard St



Project Plan

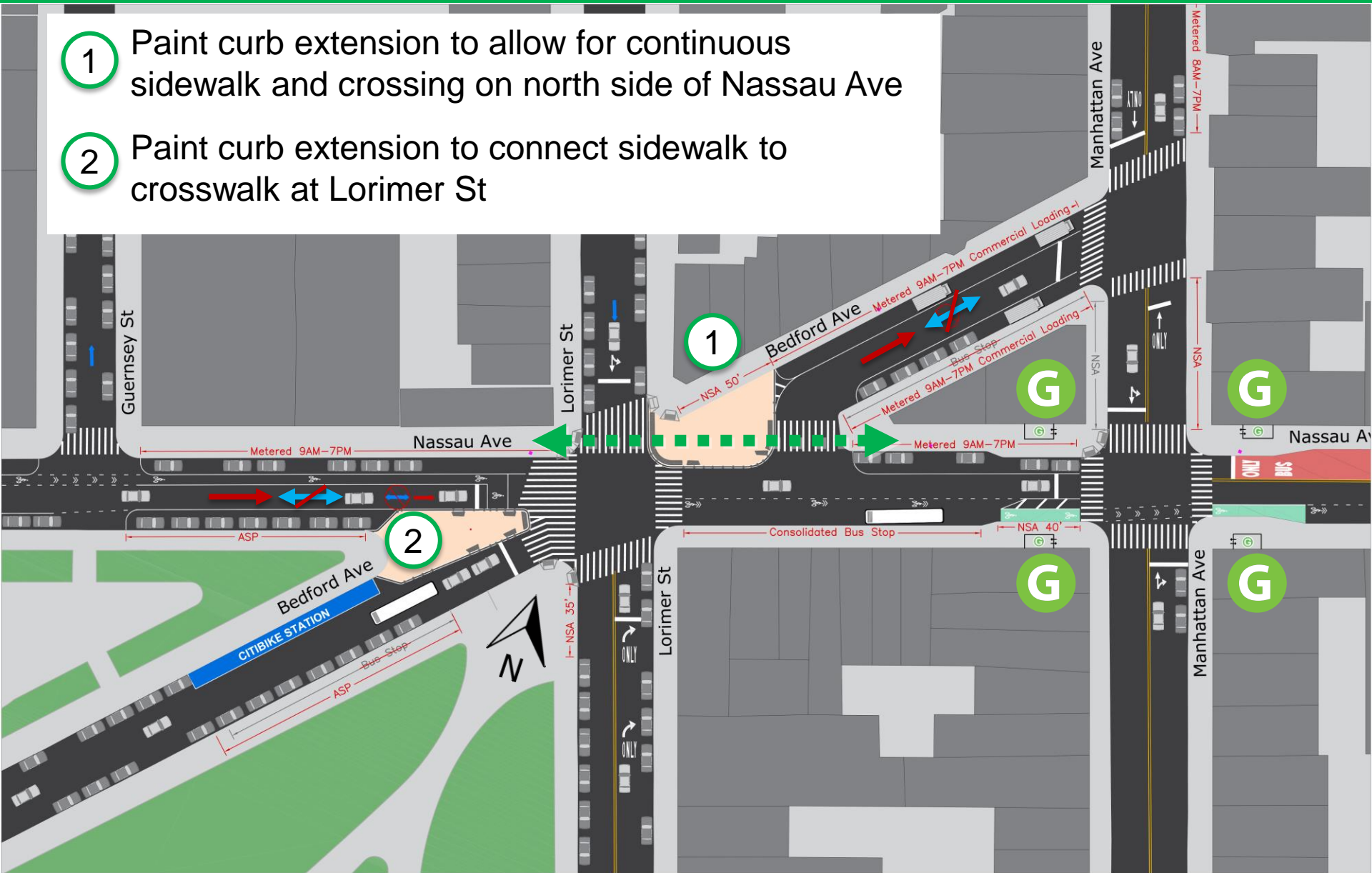
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PROJECT PLAN



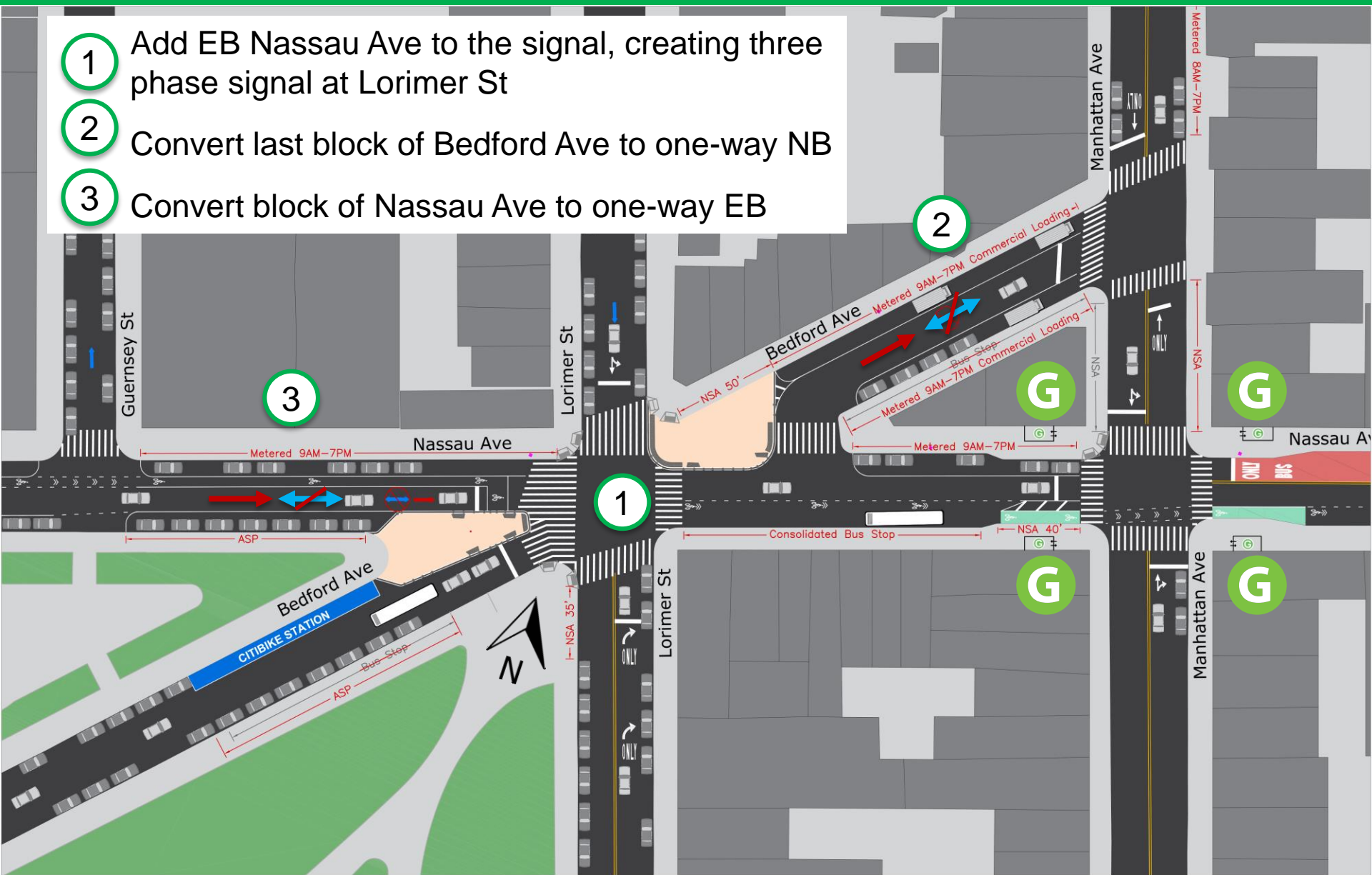
PROJECT PLAN - PEDESTRIANS

- 1 Paint curb extension to allow for continuous sidewalk and crossing on north side of Nassau Ave
- 2 Paint curb extension to connect sidewalk to crosswalk at Lorimer St



PROJECT PLAN - VEHICLES

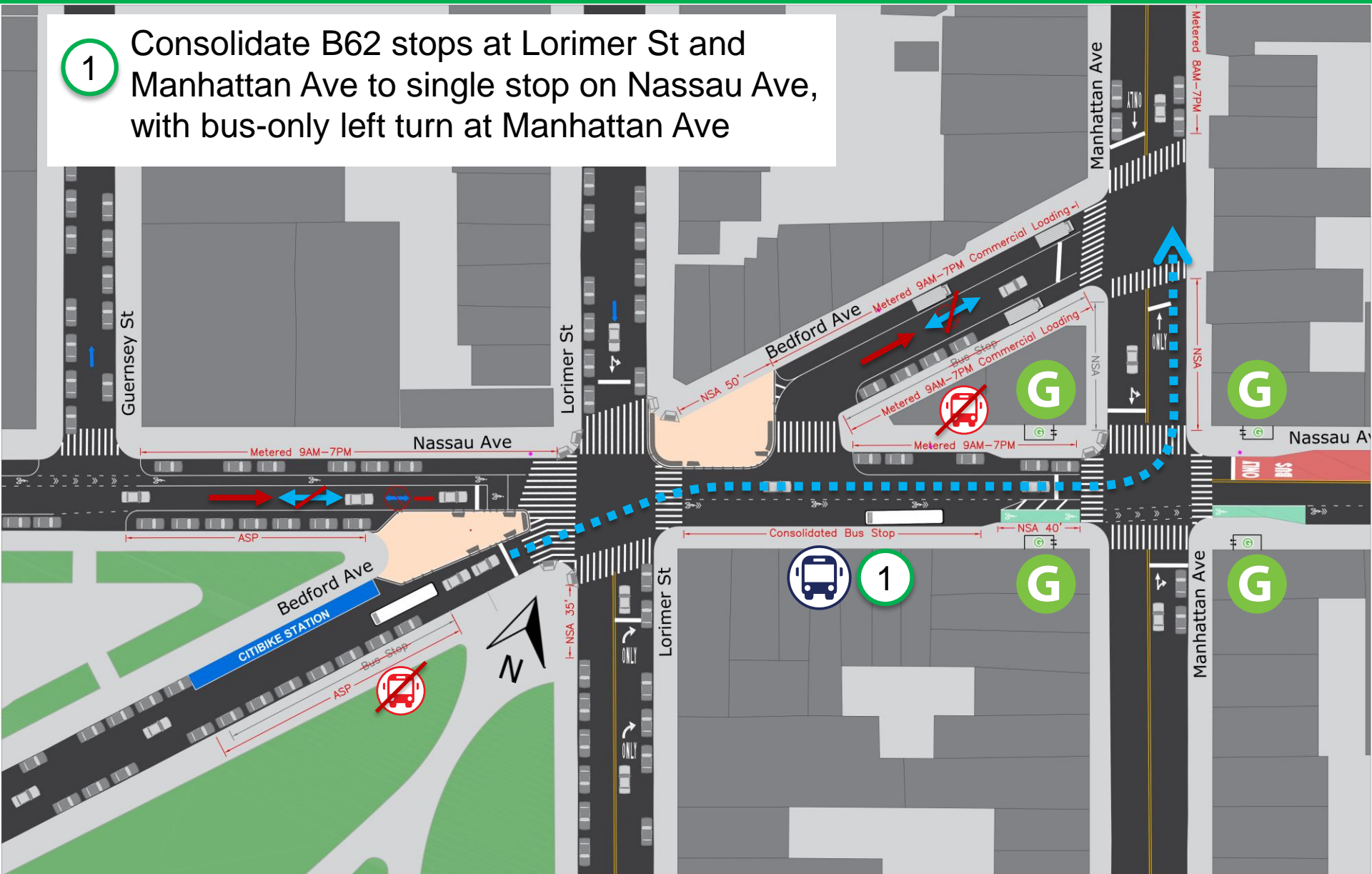
- 1 Add EB Nassau Ave to the signal, creating three phase signal at Lorimer St
- 2 Convert last block of Bedford Ave to one-way NB
- 3 Convert block of Nassau Ave to one-way EB



PROJECT PLAN - TRANSIT

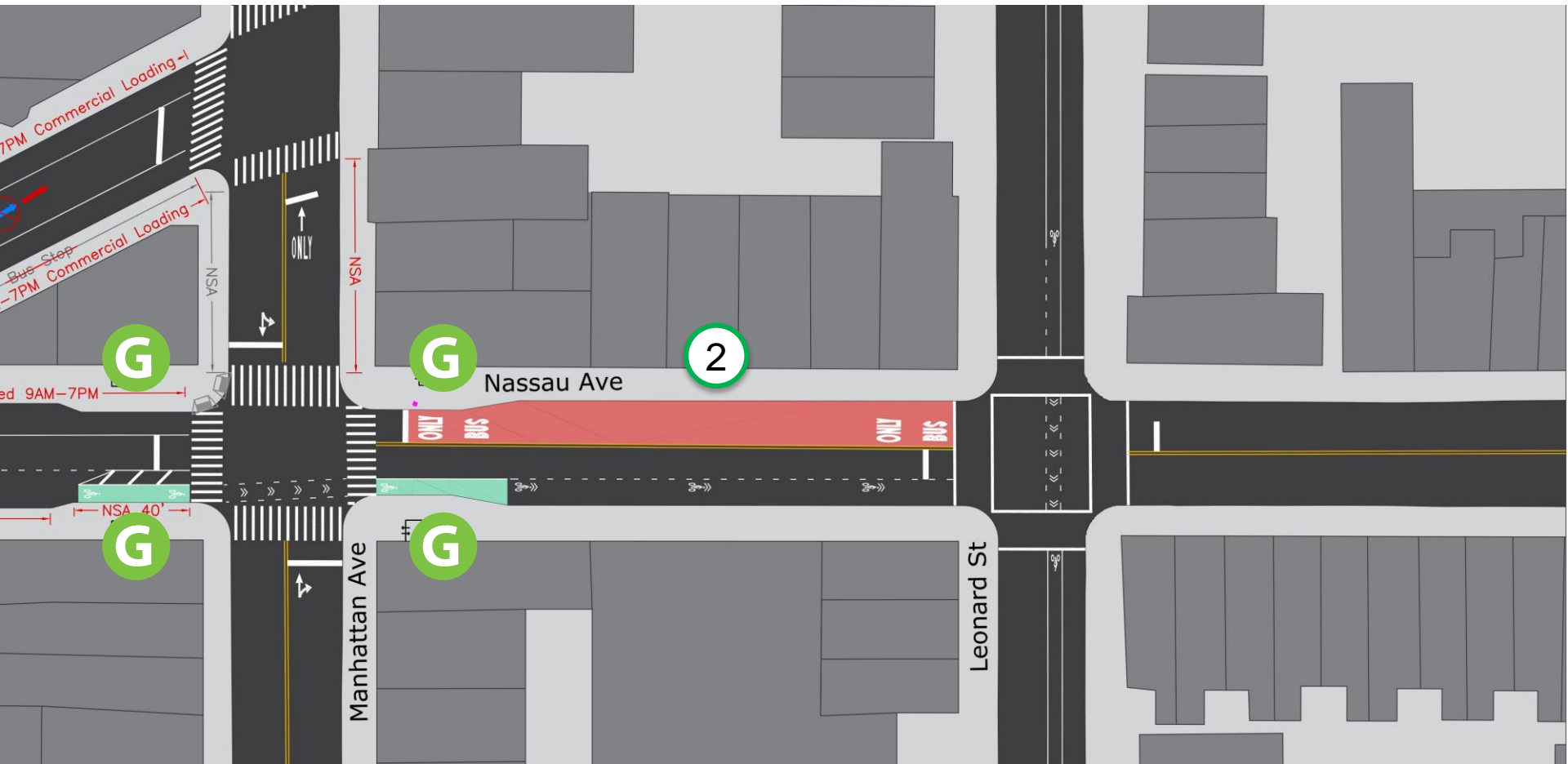
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Consolidate B62 stops at Lorimer St and Manhattan Ave to single stop on Nassau Ave, with bus-only left turn at Manhattan Ave



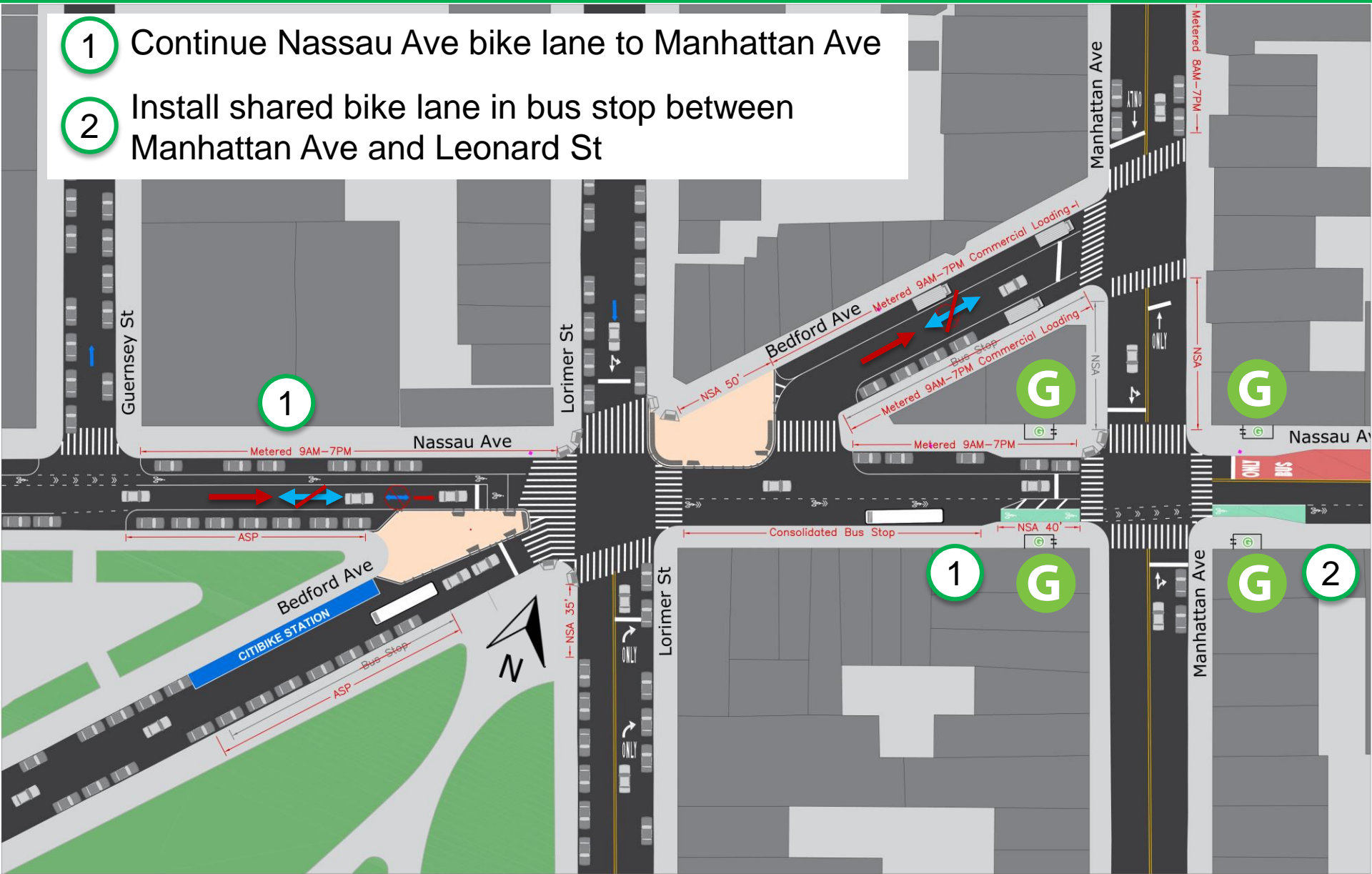
PROJECT PLAN - TRANSIT

- 2 Paint existing bus only lane of Nassau Ave between Leonard St and Manhattan Ave red, improving clarity



PROJECT PLAN - BICYCLISTS

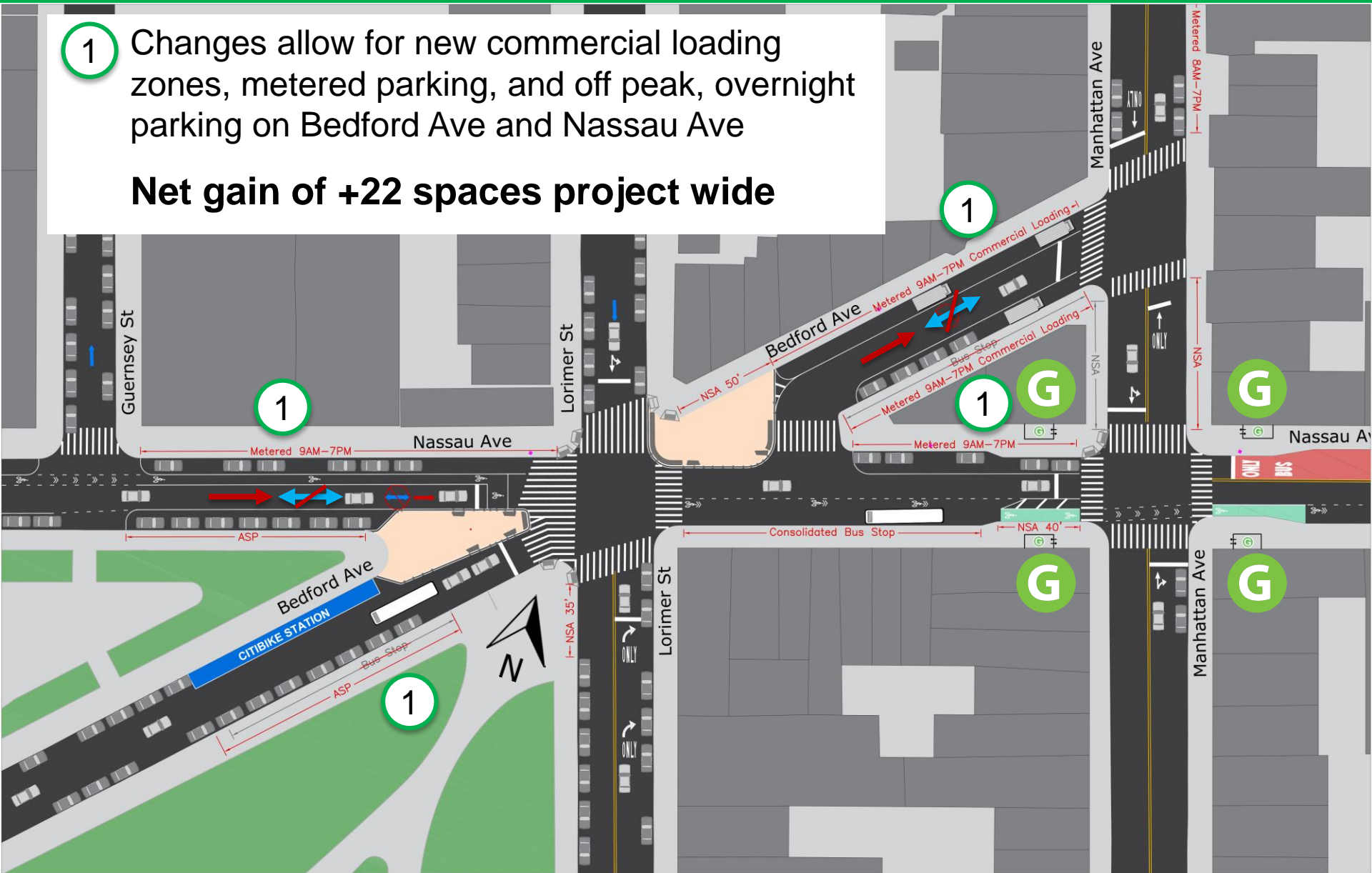
- 1 Continue Nassau Ave bike lane to Manhattan Ave
- 2 Install shared bike lane in bus stop between Manhattan Ave and Leonard St



PROJECT PLAN – ADDED PARKING

- 1 Changes allow for new commercial loading zones, metered parking, and off peak, overnight parking on Bedford Ave and Nassau Ave

Net gain of +22 spaces project wide



PROJECT PLAN – ADDED PARKING

Changes allow for new commercial loading zones*, meters, and off peak, overnight parking on Bedford Ave and Nassau Ave

Net gain of +22 spaces project wide

*Loading zones will be located on Bedford Ave and will be in operation from 7AM-1PM, exact lengths still under study

| | Alt. Side Hours Per Week | Metered Hours Per Week | Loading Hours Per Week | Free Daytime* Parking Hours | Free Nighttime Parking Hours |
|----------------------|--------------------------------|------------------------------|------------------------------|--------------------------------------|---------------------------------------|
| Existing (22 spaces) | 78 | 264 | 0 | 1,530 | 1,824 |
| Planned (44 spaces) | 192 | 1,324 | 390 | 1,634 | 3,672 |
| Change (%) | | 402% | | 7% | 101% |

*Parking Analysis only studies parking spaces that will be changed

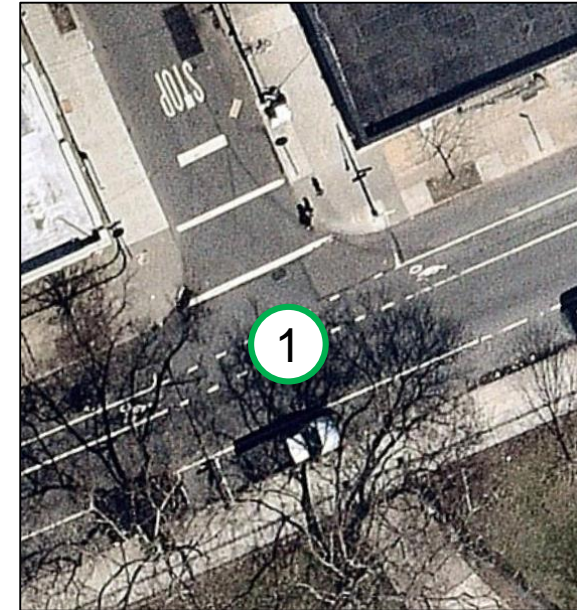
*Daytime Hours defined at 7AM-7PM

PROJECT PLAN – ENHANCED CROSSINGS (DOBBIN ST)

- 1 Top-of-the-T intersection with no crossings to school and park



*Enhanced Crossing still under study



Pedestrian
Warning
Signs



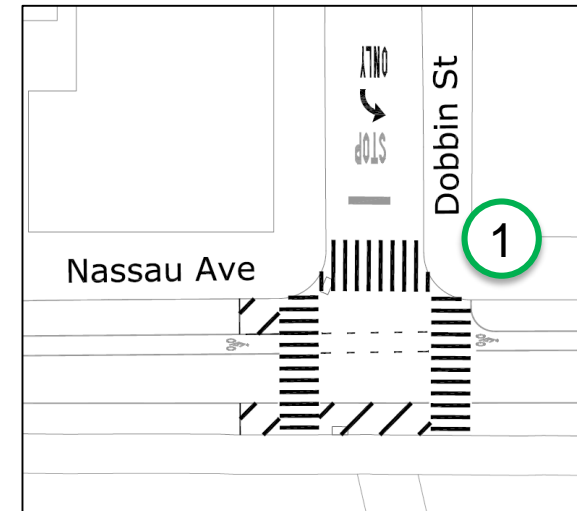
W11-2



W16-7P

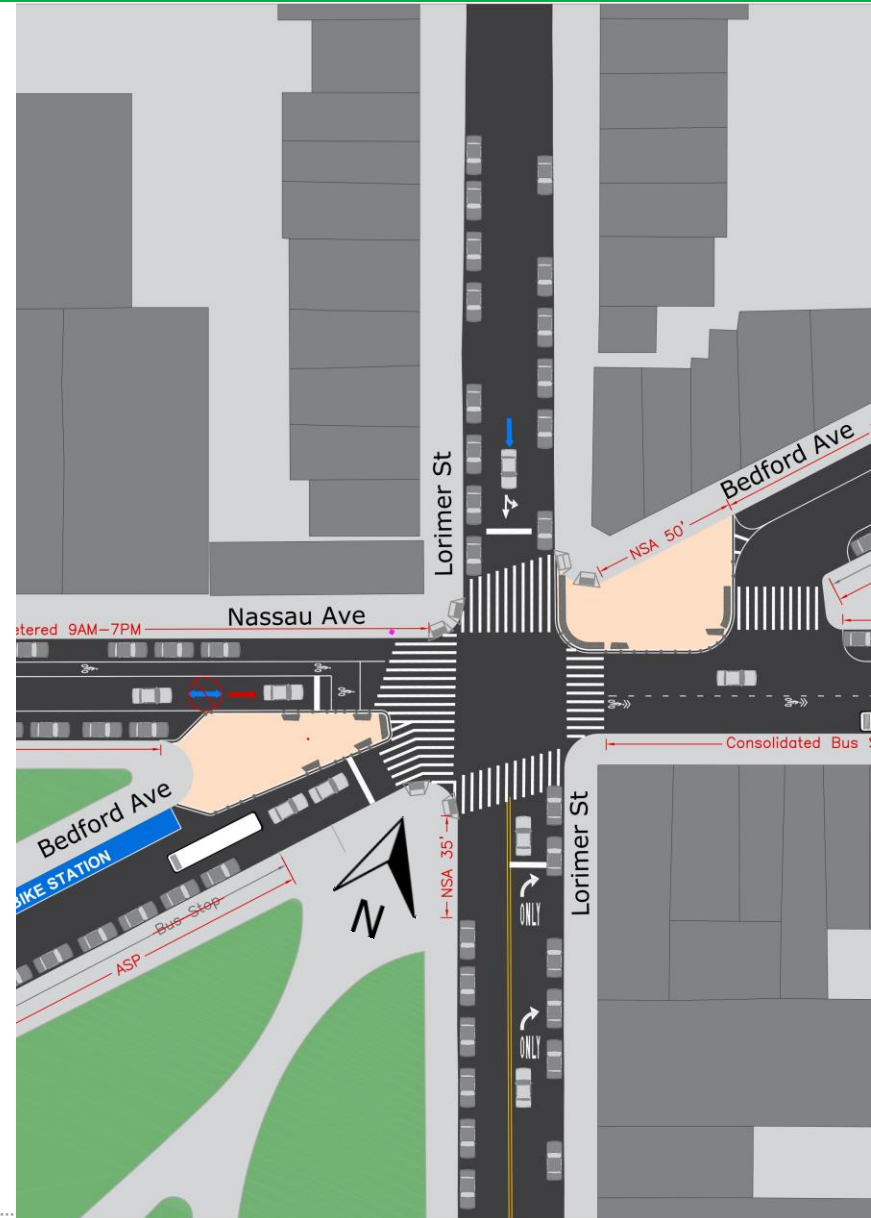


Queens Blvd Service Rd at MacDonal Park, Queens



PROJECT PLAN SUMMARY

- Convert one block of Nassau to one-way EB and one block of Bedford Ave to one-way EB
- Paint curb extensions on NE and SW corners of Bedford Ave/Lorimer St/Nassau Ave
- Extend Nassau Ave bike lane from Guernsey St to Leonard St
- Consolidate B62 bus stops to Manhattan Ave
- Add parking/commercial loading on Nassau Ave and Bedford Ave (net gain of +22 spots)
- Paint bus only lane on Nassau Ave between Manhattan Ave and Leonard St red
- Install Enhanced Crosswalk at Dobbins St and Nassau Ave (under study)



THANK YOU!

Questions?



NYC DOT



NYC DOT



nyc_dot



NYC DOT

VOLUMES TO BE DIVERTED

80 cars in the peak period
use Nassau Ave Westbound
(2 cars per signal cycle)

Represents 12% of traffic in
the intersection in the AM
and 9% in the PM

Nassau Ave

Lorimer St

5/5
15/20
105/115
10/15

Bedford Ave
15/20
15/35
15/5

5/5
85/135
210/280
30/70
Bedford Ave

Lorimer St

50/40
55/45
50/80

STREET CONVERSION DIVERSION

Greenpoint



Greenpoint



WHAT IS AN ENHANCED CROSSWALK?

Standard procedure/treatment that meets community need for marked crossings where traffic controls are not appropriate

Americans with Disabilities Act (ADA)
Compliant Pedestrian Ramps



High-Visibility Crosswalks



Pedestrian Warning Signs



W11-2



W16-7P

NEW YORK STATE LAW

When pedestrian is crossing in an uncontrolled crosswalk, motorists must **YIELD** when a pedestrian is in any portion of the roadway the vehicle is traveling



PEDESTRIAN VOLUMES

